

Converting Colors

Yxy(82.7080, 0.3093, 0.3471)

Have a look what the booklet for
Yxy(82.7080, 0.3093, 0.3471)
contains.

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Color

Yxy(82.7080, 0.3093, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	DBF0DF
RGB	219, 240, 223
RGB Percent	86%, 94%, 87%
CMY	0.1410, 0.0588, 0.1256
CMYK	0.09, 0.00, 0.07, 0.06
HSL	131°, 41%, 90%
HSV	131°, 9%, 94%
XYZ	73.7009, 82.7080, 81.8740
YIQ	231.7830, -7.0590, -9.7390

Conversions

Conversions Part 2

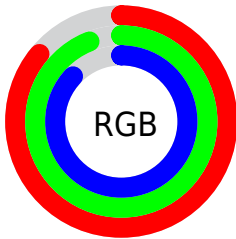
Format	Color
R _Y B	219, 237, 240
Decimal	14414047
CIE Lab	92.89, -9.98, 5.87
CIE LCh	93, 11.579, 149.562
Yxy	82.7080, 0.3093, 0.3471
Android (android.graphics.Color)	4292604127 (0xFFDBF0DF)
YUV	231.7830, -4.3300, -11.2107
Hunter-Lab	90.9439, -14.4956, 10.2838

Details

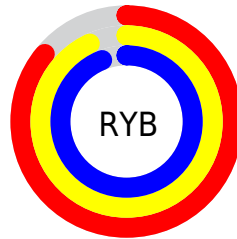
The Yxy color **82.7080, 0.3093, 0.3471** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.2736, 0.3163, 0.3115**, and the grayscale version is **80.5689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.0006, 0.3083, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **78.2606, 0.3054, 0.3704**, and if you desaturate by 10%, it is **87.8202, 0.3132, 0.3265**.

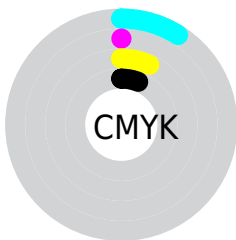
Distribution



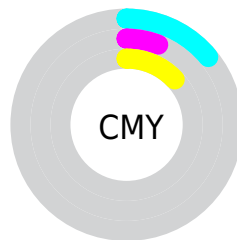
- Red (86%)
- Green (94%)
- Blue (87%)



- Red (86%)
- Yellow (93%)
- Blue (94%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (14%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.7080, 0.3093, 0.3471 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 82.7080, 0.3093, 0.3471 by changing the saturation by 10% instead.

82.7080, 0.3093,
0.3471

82.7080, 0.3093,
0.3471

504.0128, 0.3109,
0.3388

61.9493, 0.3089,
0.3490

137.1664, 0.3099,
0.3442

44.9917, 0.3085,
0.3513

171.6349, 0.3101,
0.3431

31.4509, 0.3079,
0.3542

211.4421, 0.3103,
0.3422

20.9424, 0.3071,
0.3580

256.9725, 0.3104,
0.3413

13.0819, 0.3060,
0.3632

308.6103, 0.3106,
0.3406

7.4850, 0.3045,
0.3706

366.7401, 0.3107,

3.7672, 0.3020,

0.3399

0.3820

431.7461, 0.3108,
0.3393

■ 1.5442, 0.2974,
0.4020

■ 0.3195, 0.1581,
0.8419

■ 82.7080, 0.3093,
0.3471

■ 82.7080, 0.3093,
0.3471

■ 78.2606, 0.3054,
0.3704

■ 87.8202, 0.3132,
0.3265

■ 74.4406, 0.3015,
0.3964

■ 90.7973, 0.3134,
0.3146

■ 71.2226, 0.2979,
0.4249

■ 68.5756, 0.2949,
0.4551

■ 66.4657, 0.2927,
0.4859

■ 64.8553, 0.2916,
0.5158

■ 63.7020, 0.2917,
0.5430

■ 62.9559, 0.2931,
0.5655

■ 62.5461, 0.2953,
0.5823

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7080, 0.3227, 0.3522



82.7080, 0.3093, 0.3471



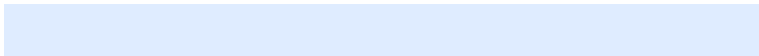
82.7080, 0.2970, 0.3368

Triad

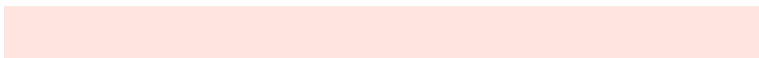
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.7080, 0.3093, 0.3471



82.7080, 0.2920, 0.3074



82.7080, 0.3371, 0.3327

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



82.7080, 0.3093, 0.3471



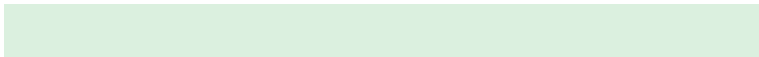
75.2736, 0.3163, 0.3115

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7080, 0.3285, 0.3212



82.7080, 0.3093, 0.3471



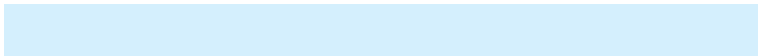
82.7080, 0.3024, 0.3068

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



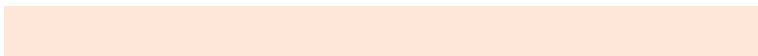
82.7080, 0.3093, 0.3471



82.7080, 0.2872, 0.3138



82.7080, 0.3157, 0.3119



82.7080, 0.3389, 0.3436

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.7080, 0.3093, 0.3471



82.7080, 0.2910, 0.3286



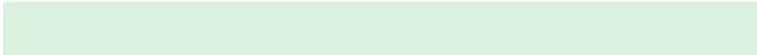
82.7080, 0.3157, 0.3119



82.7080, 0.3349, 0.3288

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82.7115, 0.3093, 0.3471



98.1839, 0.3115, 0.3350



85.2938, 0.3231, 0.3506



20.9141, 0.3112, 0.3367



0.0000, 0.0000, 0.0000



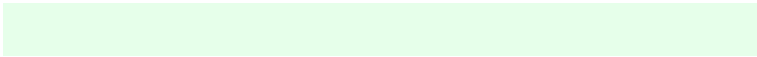
21.4041, 0.3127, 0.3290

Same Dimension

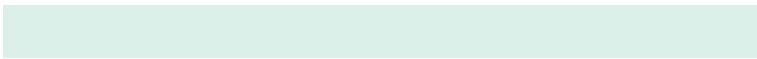
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7115, 0.3093, 0.3471



94.2170, 0.3088, 0.3500



83.2890, 0.3031, 0.3360



17.7048, 0.3090, 0.3488



34.2330, 0.2950, 0.5820



2.8611, 0.2887, 0.5594

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.2736, 0.3163, 0.3115



84.4916, 0.3169, 0.3089



74.6871, 0.3233, 0.3222



15.9776, 0.3167, 0.3100



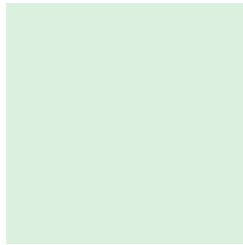
12.3167, 0.3748, 0.1839



1.0376, 0.3664, 0.1792

Previews

White Background



This preview shows how the Yxy color 82.7080, 0.3093, 0.3471 looks on a white background.

Color Contrast Check

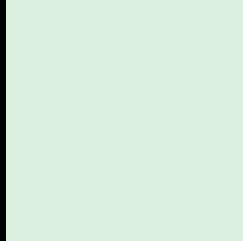
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 82.7080, 0.3093, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

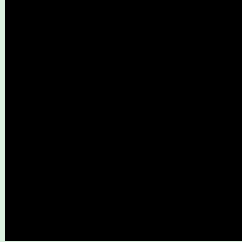
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

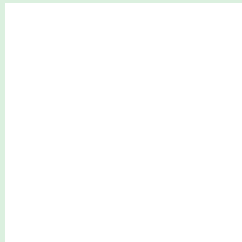
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.7080, 0.3093, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 82.7080, 0.3093, 0.3471.

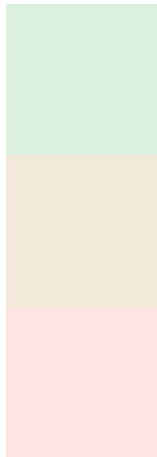


This preview shows how white text looks on a background with the Yxy color 82.7080, 0.3093, 0.3471.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

82.7080, 0.3093, 0.3471

Protanopia

82.2695, 0.3278, 0.3434

Deuteranopia

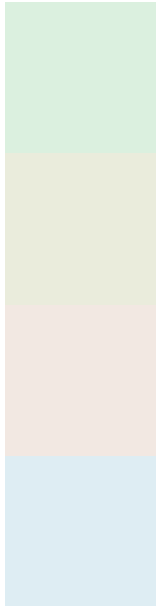
82.3482, 0.3316, 0.3291



Tritanopia

82.4197, 0.2942, 0.3095

Trichromacy



Original Color

82.7080, 0.3093, 0.3471

Protanomaly

82.6506, 0.3214, 0.3457

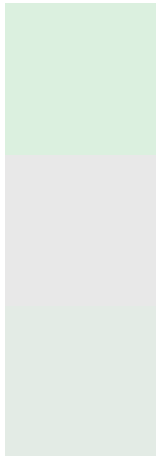
Deuteranomaly

82.0815, 0.3234, 0.3352

Tritanomaly

82.5690, 0.2993, 0.3227

Monochromacy



Original Color

82.7080, 0.3093, 0.3471

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.4047, 0.3111, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.7080, 0.3093, 0.3471 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(219, 240, 223)` looks like.

```
.text, #text, p{  
    color:rgb(219, 240, 223)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(219, 240, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 240, 223) }
```

Border

The CSS property to change the border of an element to Yxy 82.7080, 0.3093, 0.3471 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 240, 223) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(219, 240, 223) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(219, 240, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 240, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 240, 223); box-shadow:4px 4px 4px 4px rgb(219, 240, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 82.7080, 0.3093, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 240, 223) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(219,  
240, 223) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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